

**Water Contact Angles resulting from treatment of Glass with various Surface Modifiers**

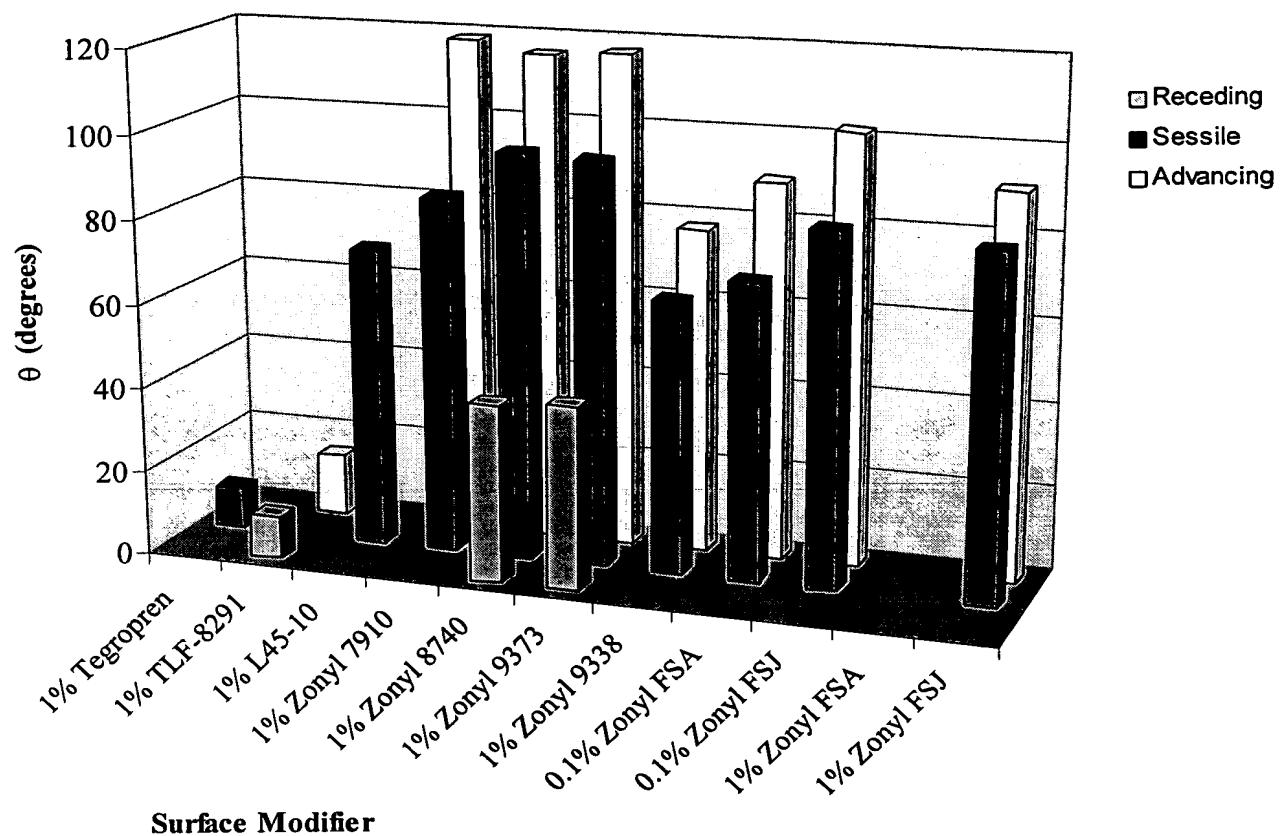
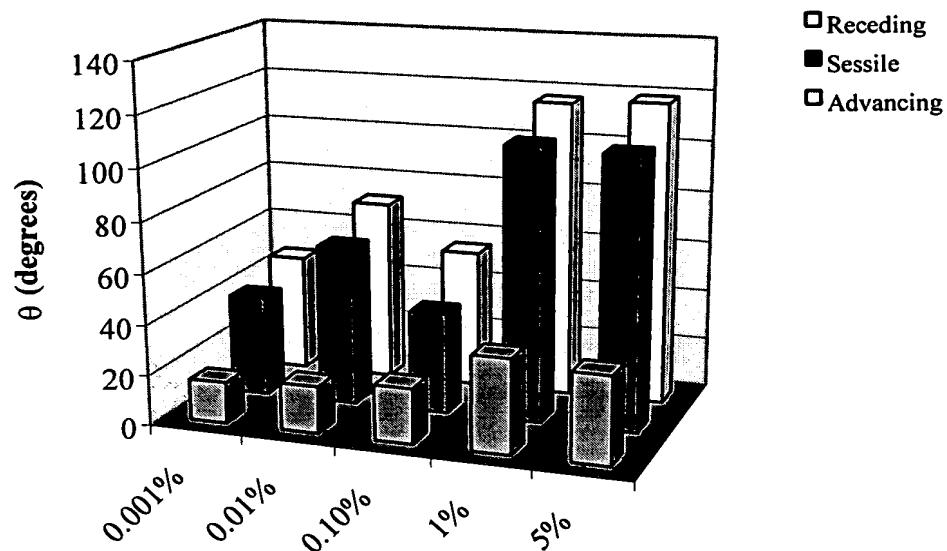


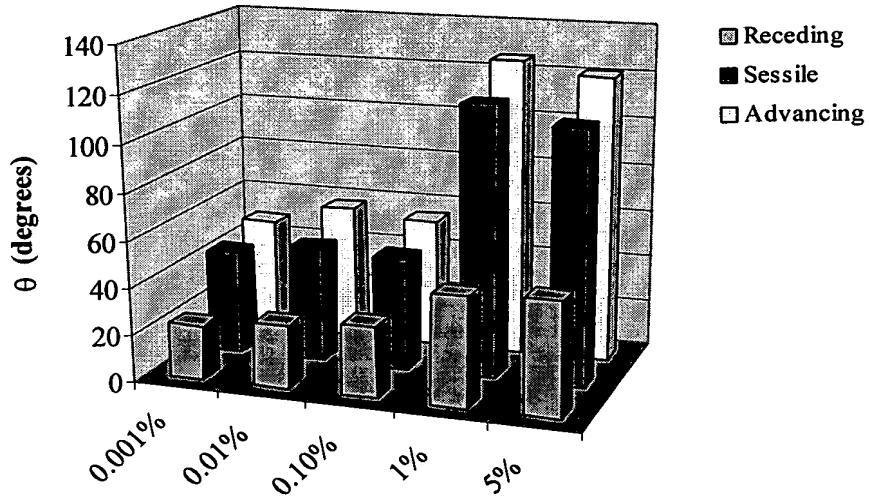
Figure 1

**Water Contact Angles for treatment of Glass with  
Zonyl 8740**



**Dipping Solution Concentration**

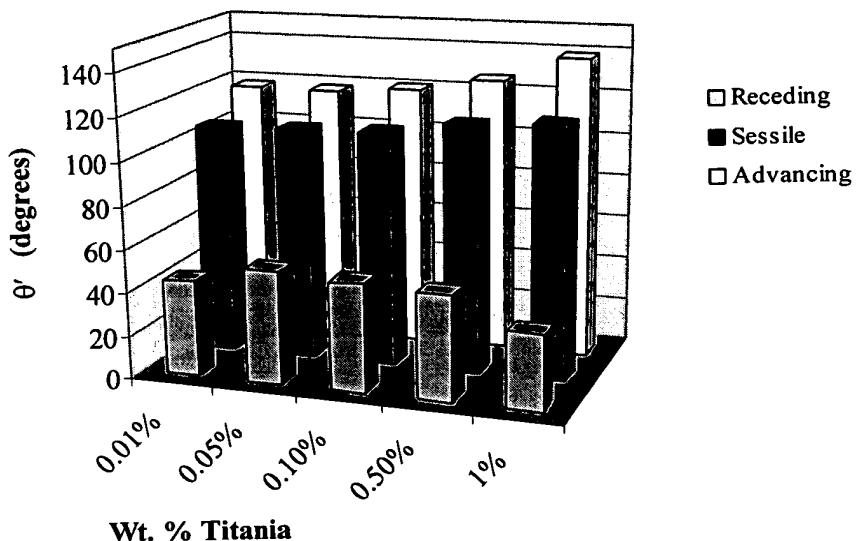
**Water Contact Angles for treatment of Glass with  
Zonyl 9373**



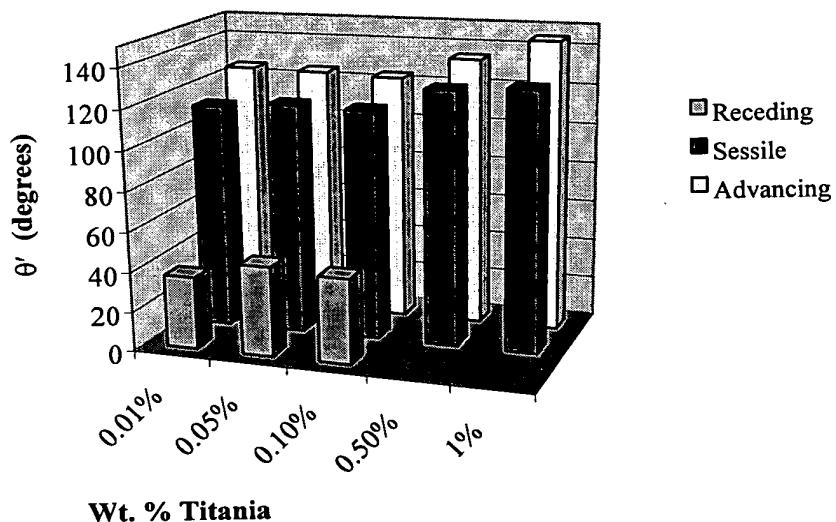
**Dipping Solution Concentration**

**Figure 2**

**Water Contact Angles for treatment of Glass with Titania-doped Zonyl 8740**

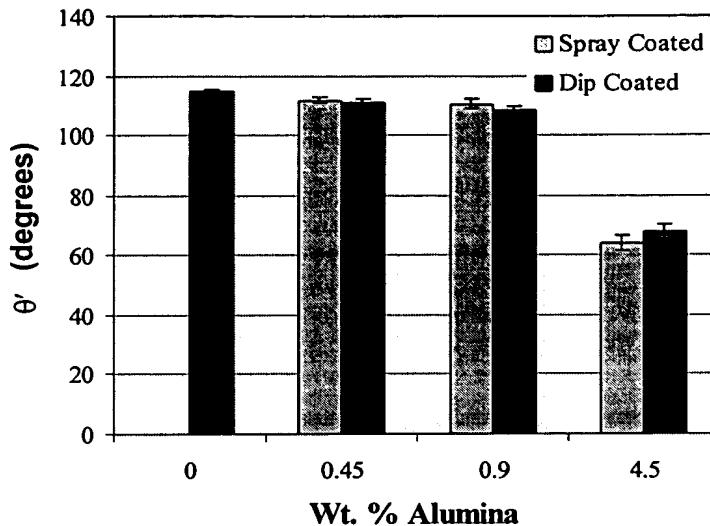


**Water Contact Angles for treatment of Glass with Titania-doped Zonyl 9373**



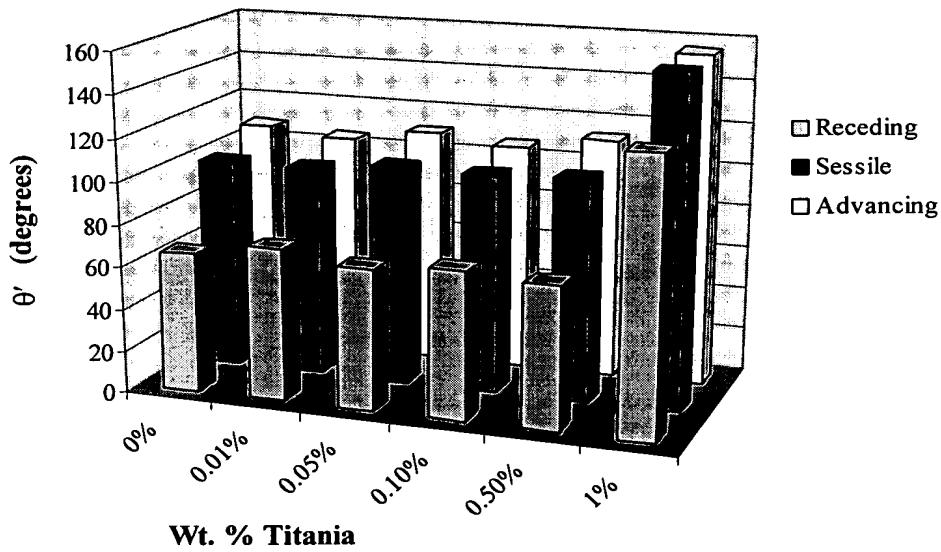
**Figure 3**

**Sessile Water Contact Angles for treatment of  
Glass with Alumina-doped Zonyl 9373**



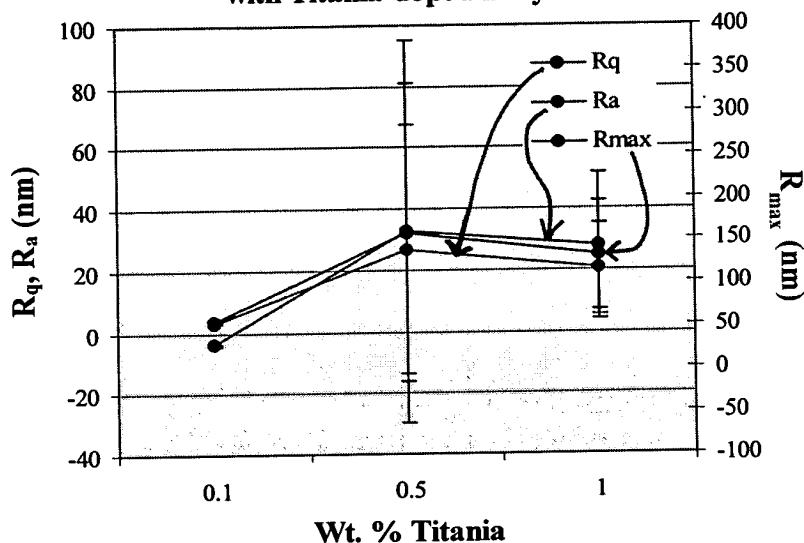
**Figure 4**

**Water Contact Angles for treatment of Glass with Titania-doped Silclean**



**Figure 5**

a) **Nanoscale Surface Roughness for treatment of Glass with Titania-doped Zonyl 9373**



b) **Nanoscale Surface Roughness for treatment of Glass with Alumina-doped Zonyl 9373**

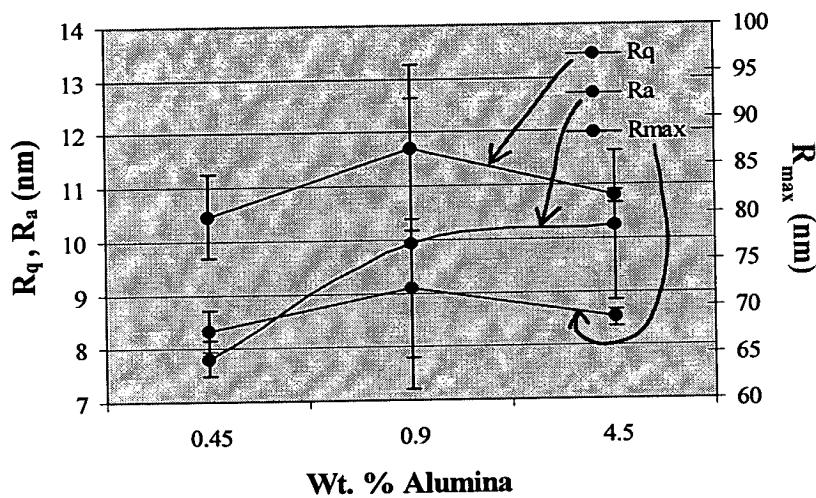
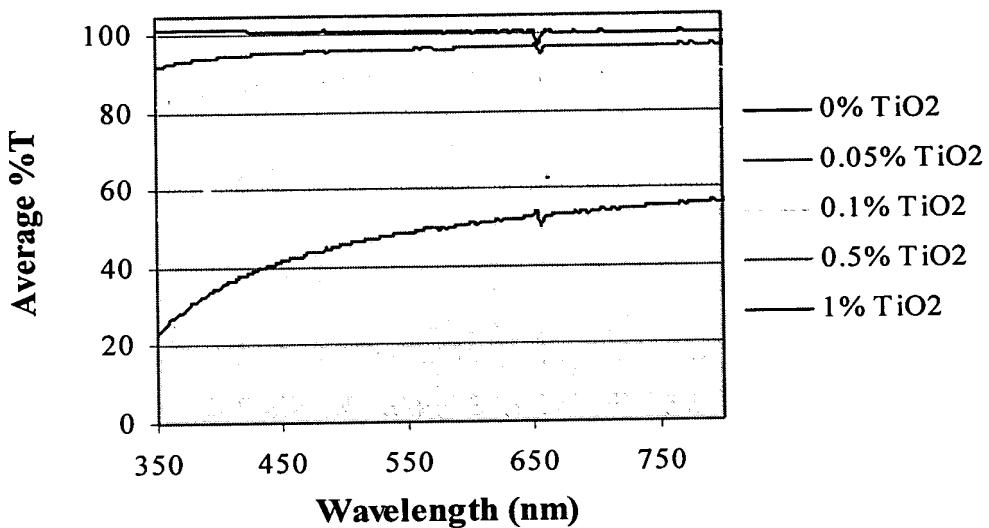


Figure 6

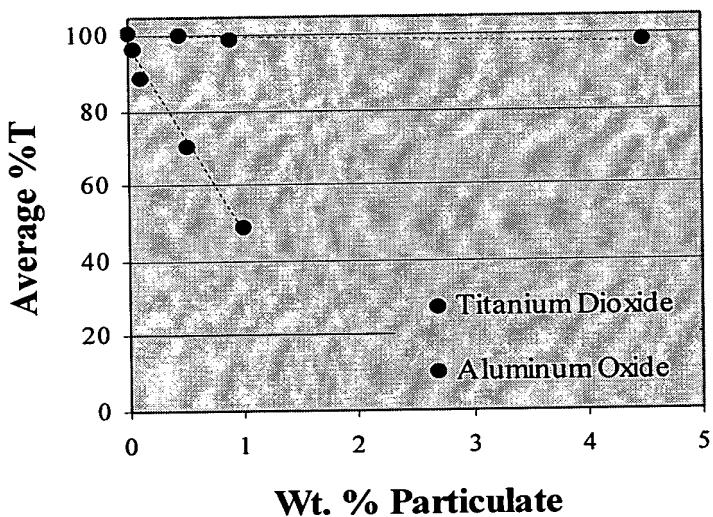
**Average % Transmittance of TiO<sub>2</sub>-doped Zonyl 9373  
Films on Glass**

a)



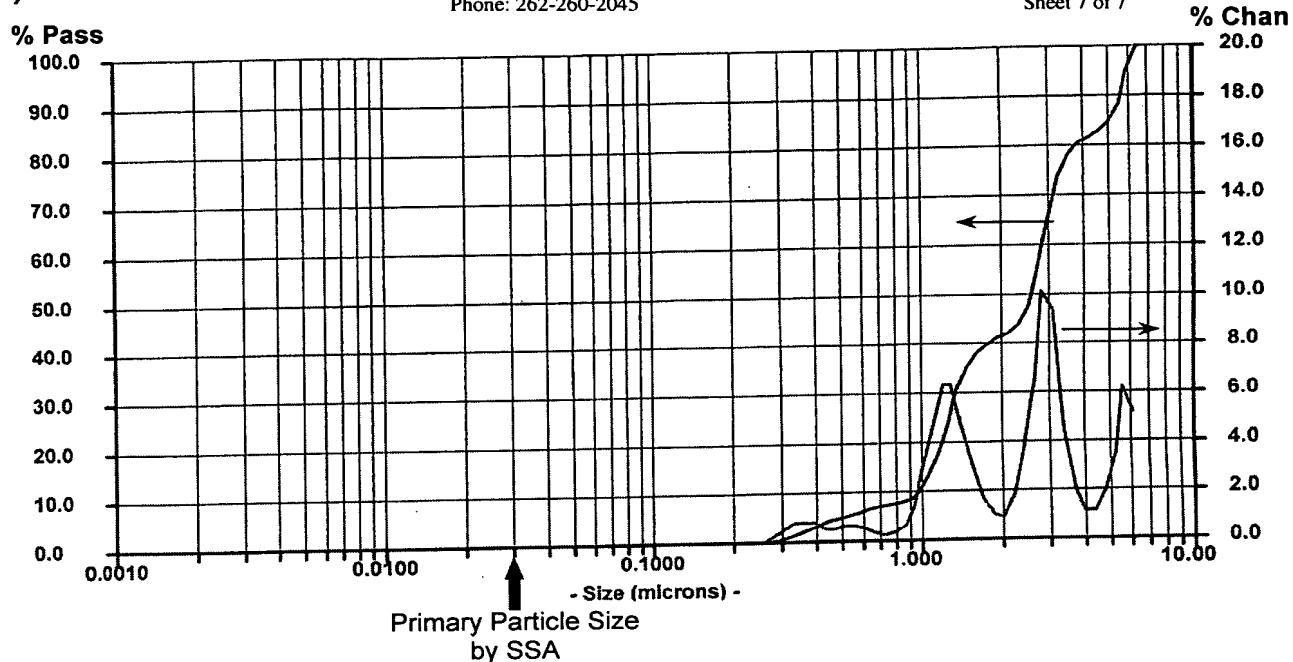
b)

**% Transmittance at 550 nm vs Wt. %  
Particulate in 1% Zonyl 9373 films on Glass**



**Figure 7**

a)



b)

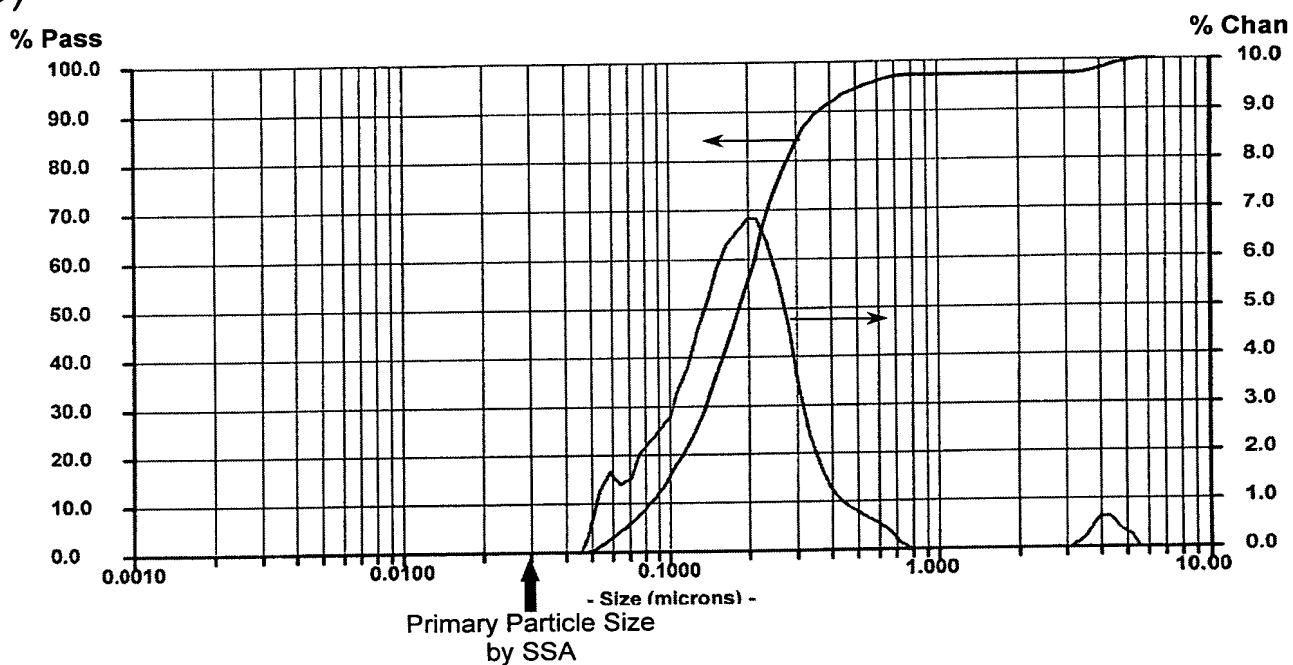


Figure 8